



1	Parameters	
1.1	Ask_for_CMS_luminosity_calculations	0
1.2	Ask_for_trigger	0
1.3	Ask_for_trigger_data_bunch_num	0
1.4	CollectCutDiagnosticData	1
1.5	DoNotSaveEpsFiles	0
1.6	MaxNumberOfEventsToAnalyze	60000
1.7	MaxNumberOfEventsToAnalyzeIsSet	0
1.8	NearFarRPUnitsDistanceM	7
1.9	ReducedBinaryDataset	2
1.10	SaveReducedBinaryDataset	0

**1.11 SaveRuns**

0

**1.12 analytical\_acceptance\_calculation**

1

**1.13 pile\_up\_inefficiency\_correction\_percent**

0

**1.14 vertical\_RP\_position\_beam\_sigma**

10

**2 Settings**

**2.1 Fill\_number**

7301

**2.2 Input\_directory**

root://eos totem.cern.ch//eos/cms/store/group/phys.diffractio n/fnemes/E\_CM\_900.GeV/Beta\_star\_11.m/Reduced\_ntuples/7301/

**2.3 InstallDirectoryOfCode**

/afs/cern.ch/work/f/fnemes/main\_workspace.github\_ssh\_4/Projects/TOTEM.Projects/Physics\_analysis/Proton\_proton\_scattering/Elastic\_scattering

**2.4 Log\_file\_name**

AnalyzeDsigmaOverDt.log

**2.5 MADX\_label\_of\_left\_far\_RP\_detector**

XRPV.B6L5.B2

**2.6 MADX\_label\_of\_left\_near\_RP\_detector**

XRPV.D6L5.B2

**2.7**    **MADX\_label\_of\_right\_far\_RP\_detector**

XRPV.B6R5.B1

**2.8**    **MADX\_label\_of\_right\_near\_RP\_detector**

XRPV.D6R5.B1

**2.9**    **MAD\_X\_twiss\_beam\_1**

Projects/2023/E\_CM\_900\_GeV\_beta\_star\_11\_m/General\_settings/Optics/LHC\_nominal/Beam\_1/opticsproject.tfs

**2.10**    **MAD\_X\_twiss\_beam\_2**

Projects/2023/E\_CM\_900\_GeV\_beta\_star\_11\_m/General\_settings/Optics/LHC\_nominal/Beam\_2/opticsproject.tfs

**2.11**    **Output\_directory**

/afs/cern.ch/work/f/fiemes/tmp/pp/E\_CM\_900\_GeV\_beta\_star\_11\_m/Analysis\_output\_files/7301/Diagonals/DIAGONAL\_LEFT\_BOTTOM\_RIGHT\_TOP/All\_root\_files\_to\_define\_cut

**2.12**    **VersionOfAnalysisCode**

1.0

**2.13**    **analysed\_diagonal**

DIAGONAL\_LEFT\_BOTTOM\_RIGHT\_TOP

**2.14**    **binning\_file\_name**

/afs/cern.ch/work/f/fiemes/main\_workspace/github\_ssh\_4/Projects/TOTEM\_Projects/Physics\_projects/Physics\_analysis/Proton\_proton\_scattering/Elastic\_scattering/Projects/2023

**2.15**    **geometrical\_acceptance\_cut\_block**

theta\_x\_star\_rad\_theta\_y\_star\_rad\_cut\_block

**2.16**    **label\_of\_vertical\_beam\_divergence\_plot**

P0037\_PlotsCollection\_theta.y\_star\_left\_rad\_theta.y\_star\_right\_rad\_define\_cut

## 2.17 project\_subtask

`dsigma/dt`

## 2.18 project\_task

`analyze`

## 2.19 required\_trigger\_bit\_name

`RP220_V`

## 2.20 vertical\_angular\_left\_acceptance\_cut\_block

`theta_y_star_left_rad_theta_y_star_right_rad_left_cut_block`

## 2.21 vertical\_angular\_right\_acceptance\_cut\_block

`theta_y_star_left_rad_theta_y_star_right_rad_right_cut_block`

## 2.22 vertical\_beam\_divergence\_cut\_block

`theta_y_star_left_rad_theta_y_star_right_rad_cut_block`

## 3 Parameter vectors

## 4 Settings

### 4.1 Fill\_number

7301

### 4.2 Input\_directory

`root://eos totem.cern.ch//eos/cms/store/group/phys.diffraction/fnemes/E_CM_900_GeV/Beta_star_11_m/Reduced_ntuples/7301/`

### 4.3 InstallDirectoryOfCode

`/afs/cern.ch/work/f/fnemes/main_workspace.github_ssh_4/Projects/TOTEM.Projects/Physics_projects/Proton_proton_scattering/Elastic_scattering`

**4.4 Log\_file\_name**  
AnalyzeDsigmaOverDt.log

**4.5 MADX\_label\_of\_left\_far\_RP\_detector**  
XRPV.B6L5.B2

**4.6 MADX\_label\_of\_left\_near\_RP\_detector**  
XRPV.D6L5.B2

**4.7 MADX\_label\_of\_right\_far\_RP\_detector**  
XRPV.B6R5.B1

**4.8 MADX\_label\_of\_right\_near\_RP\_detector**  
XRPV.D6R5.B1

**4.9 MAD\_X\_twiss\_beam\_1**  
Projects/2023/E\_CM\_900\_GeV\_beta\_star\_11\_m/General\_settings/Optics/LHC\_nominal/Beam\_1/opticsproject.tfs

**4.10 MAD\_X\_twiss\_beam\_2**  
Projects/2023/E\_CM\_900\_GeV\_beta\_star\_11\_m/General\_settings/Optics/LHC\_nominal/Beam\_2/opticsproject.tfs

**4.11 Output\_directory**  
/afs/cern.ch/work/f/fiemes/tmp/pp/E\_CM\_900\_GeV\_beta\_star\_11\_m/Analysis\_output\_files/7301/Diagonals/DIAGONAL\_LEFT\_BOTTOM\_RIGHT\_TOP/All\_root\_files\_to\_define\_cuts

**4.12 VersionOfAnalysisCode**  
1.0

**4.13 analysed\_diagonal**  
DIAGONAL\_LEFT\_BOTTOM\_RIGHT\_TOP

#### 4.14 binning\_file\_name

/afs/cern.ch/work/f/fnames/main\_workspace.github\_ssh\_4/Projects/TOTEM\_Projects/Physics\_projects/Proton\_proton\_scattering/Elastic\_scattering/Projects/202

#### 4.15 geometrical\_acceptance\_cut\_block

theta\_x\_star\_rad\_theta\_y\_star\_rad\_cut\_block

#### 4.16 label\_of\_vertical\_beam\_divergence\_plot

P0037\_PlotsCollection\_theta\_y\_star\_left\_rad\_theta\_y\_star\_right\_rad\_define\_cut

#### 4.17 project\_subtask

dsigma/dt

#### 4.18 project\_task

analyze

#### 4.19 required\_trigger\_bit\_name

RP220\_V

#### 4.20 vertical\_angular\_left\_acceptance\_cut\_block

theta\_y\_star\_left\_rad\_theta\_y\_star\_right\_rad\_left\_cut\_block

#### 4.21 vertical\_angular\_right\_acceptance\_cut\_block

theta\_y\_star\_left\_rad\_theta\_y\_star\_right\_rad\_right\_cut\_block

#### 4.22 vertical\_beam\_divergence\_cut\_block

theta\_y\_star\_left\_rad\_theta\_y\_star\_right\_rad\_cut\_block

Beam energy [GeV] = 450

Beam energy [GeV] = 450

Input file: root://eos totem.cern.ch//eos/cms/store/group/phys.diffraction/fnames/E\_CM\_900\_GeV/Beta\_star\_11\_m/Reduced\_ntuples/7301/output.LBRT.root

MADX\_label\_of\_left\_near\_RP\_detector: XRPV.D6L5.B2

MADX\_label\_of\_left\_far\_RP\_detector: XRPV.B6L5.B2

MADX\_label\_of\_right\_near\_RP\_detector: XRPV.D6R5.B1

MADX\_label\_of\_right\_far\_RP\_detector: XRPV.B6R5.B1

Cut: theta x star rad theta y star rad cut parameter x1 -6e-05 parameter y1 -0.0004 parameter x2 6e-05 parameter y2 -0.0004 parameter range1 x -6e-05 parameter range1 y 6.6565e-05 parameter range2 x 6e-05 parameter range2 y 6.6565e-05 parameter sigma 0.0002 parameter number of sigmas 1 End cut theta x star rad theta y star rad cut

Cut: theta y star left rad theta y star right rad left cut parameter x1 -0.0004 parameter y1 -4e-05 parameter x2 -0.0004 parameter y2 -9e-05 parameter range1 x -6e-05 parameter range1 y 6.6565e-05 parameter range2 x 6e-05 parameter range2 y 6.6565e-05 parameter sigma 0.0002 parameter number of sigmas 1 End cut theta y star left rad theta y star right rad left cut

Cut: theta y star left rad theta y star right rad right cut parameter x1 4e-05 parameter y1 0.0004 parameter x2 9e-05 parameter y2 0.0004 parameter range1 x -6e-05 parameter range1 y 6.6565e-05 parameter range2 x 6e-05 parameter range2 y 6.6565e-05 parameter sigma 0.0002 parameter number of sigmas 1 End cut theta y star left rad theta y star right rad right cut

Cut: theta x star rad theta y star rad cut parameter x1 -6e-05 parameter y1 -0.0004 parameter x2 6e-05 parameter y2 -0.0004 parameter range1 x -6e-05 parameter range1 y 6.6565e-05 parameter range2 x 6e-05 parameter range2 y 6.6565e-05 parameter sigma 0.0002 parameter number of sigmas 1 End cut theta x star rad theta y star rad cut

Cut: theta y star left rad theta y star right rad cut define parameter x1 -0.0006 parameter y1 0.0006 parameter y2 -0.0006 parameter range1 x -0.0008 parameter range1 y 0.0008 parameter range2 x 0.0008 parameter range2 y -0.0008 parameter sigma 8.39152e-06 parameter number of sigmas 4 End cut theta y star left rad theta y star right rad cut define

Cut: y mm near dy mm left cut define parameter x1 -4.34046 parameter y1 0.250457 parameter x2 -13.4906 parameter y2 0.161253 parameter range1 x -9.33107 parameter range1 y -0.763575 parameter range2 x -22 parameter range2 y -2.6414 parameter sigma 0.1 parameter number of sigmas 4 End cut y mm near dy mm left cut define

Cut: y mm near dy mm right cut define parameter x1 3.28467 parameter y1 0.0583257 parameter x2 11.3008 parameter y2 -0.0994968 parameter range1 x 2 parameter range1 y 0.763575 parameter range2 x 12 parameter range2 y 2.6414 parameter sigma 0.1 parameter number of sigmas 4 End cut y mm near dy mm right cut define

Cut: x star left mm x star right mm cut define parameter x1 0.000272145 parameter y1 -0.000274497 parameter x2 -0.223978 parameter y2 -0.223979 parameter range1 x 0.2 parameter range1 y 0.2 parameter range2 x 0.03 parameter range2 y 0.03 parameter sigma 7.65185 parameter number of sigmas 4 End cut x star left mm x star right mm cut define

Cut: theta x star left rad theta x star right rad cut define parameter x1 2.04076e-07 parameter y1 2.05671e-07 parameter x2 8.36704e-05 parameter y2 -8.33184e-05 parameter range1 x 0.0006 parameter range1 y -1.8e-05 parameter range2 x -0.0006 parameter range2 y 1.8e-05 parameter sigma 5.81138e-05 parameter number of sigmas 4 End cut theta x star left rad theta x star right rad cut define



P0000\_PlotsCollection\_x\_mm\_y\_mm\_near\_left-eps-converted-to.pdf

P0001\_PlotsCollection\_x\_mm\_y\_mm\_far\_left-eps-converted-to.pdf

P0002\_PlotsCollection\_x\_mm\_y\_mm\_near\_right-eps-converted-to.pdf

P0003\_PlotsCollection\_x\_mm\_y\_mm\_far\_right-eps-converted-to.pdf

P0004\_PlotsCollection\_x\_mm\_near\_x\_mm\_far\_left-eps-converted-to.pdf

P0005\_PlotsCollection\_y\_mm\_near\_y\_mm\_far\_left-eps-converted-to.pdf

P0006\_PlotsCollection\_x\_mm\_near\_x\_mm\_far\_right-eps-converted-to.pdf

P0007\_PlotsCollection\_y\_mm\_near\_y\_mm\_far\_right-eps-converted-to.pdf



P0008\_PlotsCollection\_theta\_y\_star\_left\_rad\_theta\_y\_star\_right\_rad-eps-converted-to.pdf

P0009\_PlotsCollection\_x\_star\_left\_mm-eps-converted-to.pdf

P0009\_PlotsCollection\_x\_star\_left\_mm\_log-eps-converted-to.pdf

P0010\_PlotsCollection\_x\_star\_left\_mm\_x\_star\_right\_mm-eps-converted-to.pdf

P0011\_PlotsCollection\_y\_star\_left\_mm\_y\_star\_right\_mm-eps-converted-to.pdf

P0012\_PlotsCollection\_dN\_dt\_GeV2\_left-eps-converted-to.pdf

P0012\_PlotsCollection\_dN\_dt\_GeV2\_left\_log-eps-converted-to.pdf

P0013\_PlotsCollection\_dN\_dt\_GeV2\_right-eps-converted-to.pdf



P0013\_PlotsCollection\_dN\_dt\_GeV2\_right\_log-eps-converted-to.pdf

P0014\_PlotsCollection\_dN\_dt\_GeV2-eps-converted-to.pdf

P0014\_PlotsCollection\_dN\_dt\_GeV2\_log-eps-converted-to.pdf

P0015\_PlotsCollection\_theta\_x\_star\_rad\_theta\_y\_star\_rad\_eps-converted-to.pdf

P0016\_PlotsCollection\_x\_mm\_near\_x\_mm\_far\_left-eps-converted-to.pdf

P0017\_PlotsCollection\_x\_mm\_near\_x\_mm\_far\_right-eps-converted-to.pdf

P0018\_PlotsCollection\_y\_mm\_near\_y\_mm\_far\_left-eps-converted-to.pdf

P0019\_PlotsCollection\_y\_mm\_near\_y\_mm\_far\_right-eps-converted-to.pdf



P0020\_PlotsCollection\_x\_mm\_near\_theta\_x\_near\_local\_rad\_right-eps-converted-to.pdf



## 5 Cuts\_start\_here

P0021_PlotsCollection_theta_x_star_rad_theta_y_star_rad_with_cut_eps	P0021_PlotsCollection_theta_x_star_rad_theta_y_star_rad_with_cut_rob
P0021_PlotsCollection_theta_x_star_rad_theta_y_star_rad_with_cut_rota	P0021_PlotsCollection_theta_x_star_rad_theta_y_star_rad_with_cut_dis

	<p>P0022_PlotsCollection_theta_y_star_left_rad_theta_y_star_right_rad_left_with_cut</p> <p>P0022_PlotsCollection_theta_y_star_right_rad_left_rad_theta_y_star_right_rad_left_with_cut</p>
	<p>P0022_PlotsCollection_theta_y_star_right_rad_left_rad_theta_y_star_right_rad_left_with_cut</p>

P0023_PlotsCollection_theta_y_star_left_rad_theta_y_star_right_rad_theta_y_star_right_with_cu	
P0023_PlotsCollection_theta_y_star_left_rad_theta_y_star_right_rad_theta_y_star_right_with_cu	


P0024\_PlotsCollection\_theta\_x\_star\_rad\_theta\_y\_star\_rad\_theta\_x\_star\_rad\_theta\_y\_star\_rad\_horizontal\_with\_cut\_rota

P0024\_PlotsCollection\_theta\_x\_star\_rad\_theta\_y\_star\_rad\_theta\_x\_star\_rad\_theta\_y\_star\_rad\_horizontal\_with\_cut\_dist

P0025_PlotsCollection_theta_x_star_left_rad_theta_x_star_right_rad_theta_x_star_right_rad_left_with_cut	
P0025_PlotsCollection_theta_x_star_left_rad_theta_x_star_right_rad_theta_x_star_right_rad_left_with_cut	

P0026_PlotsCollection_theta_x_star_left_rad_theta_x_star_right_rad_theta_x_star_right_rad_right_with_cu	
P0026_PlotsCollection_theta_x_star_left_rad_theta_x_star_right_rad_theta_x_star_right_rad_right_with_cu	




P0027\_PlotsCollection\_theta\_x\_star\_left\_rad\_theta\_x\_star\_right\_rad\_draw\_cut\_1\_ro

P0027\_PlotsCollection\_theta\_x\_star\_left\_rad\_theta\_x\_star\_right\_rad\_draw\_cut\_1\_di




P0029\_PlotsCollection\_theta\_x\_star\_left\_rad\_theta\_x\_star\_right\_rad\_draw\_cut\_2\_ro

P0029\_PlotsCollection\_theta\_x\_star\_left\_rad\_theta\_x\_star\_right\_rad\_draw\_cut\_2\_di

<p>P0030_PlotsCollection_y_mm_near_dy_mm_left_with_cut-eps-converted-to.pdf</p>	<p>P0030_PlotsCollection_y_mm_near_dy_mm_left_with_cut_rotated-eps-converted-to.pdf</p>
<p>P0030_PlotsCollection_y_mm_near_dy_mm_left_with_cut_rotated_profile-eps-converted-to.pdf</p>	<p>P0030_PlotsCollection_y_mm_near_dy_mm_left_with_cut_distance_from_cut_within_range-eps-converted-to.pdf</p>


P0031\_PlotsCollection\_theta\_x\_star\_left\_rad\_theta\_x\_star\_right\_rad\_draw\_cut\_3\_ro

P0031\_PlotsCollection\_theta\_x\_star\_left\_rad\_theta\_x\_star\_right\_rad\_draw\_cut\_3\_di

<p>P0032_PlotsCollection_y_mm_near_dy_mm_right_with_cut-eps-converted-to.pdf</p>	<p>P0032_PlotsCollection_y_mm_near_dy_mm_right_with_cut_rotated-eps-converted-to.pdf</p>
<p>P0032_PlotsCollection_y_mm_near_dy_mm_right_with_cut_rotated_profile-eps-converted-to.pdf</p>	<p>P0032_PlotsCollection_y_mm_near_dy_mm_right_with_cut_distance_from_cut_within_range-eps-converted-to.pdf</p>


P0033\_PlotsCollection\_theta\_x\_star\_left\_rad\_theta\_x\_star\_right\_rad\_draw\_cut\_4\_ro

P0033\_PlotsCollection\_theta\_x\_star\_left\_rad\_theta\_x\_star\_right\_rad\_draw\_cut\_4\_di

P0034_PlotsCollection_x_star_left_mm_x_star_right_mm_with_cut-eps-conver	P0034_PlotsCollection_x_star_left_mm_x_star_right_mm_with_cut_rotated-eps-conver
P0034_PlotsCollection_x_star_left_mm_x_star_right_mm_with_cut-eps-conver	P0034_PlotsCollection_x_star_left_mm_x_star_right_mm_with_cut_rotated-eps-conver




P0035\_PlotsCollection\_theta\_x\_star\_left\_rad\_theta\_x\_star\_right\_rad\_draw\_cut\_5\_ro

P0035\_PlotsCollection\_theta\_x\_star\_left\_rad\_theta\_x\_star\_right\_rad\_draw\_cut\_5\_di



P0037_PlotsCollection_theta_x_star_left_rad_theta_x_star_right_rad_draw_cut_6_ro	
P0037_PlotsCollection_theta_x_star_left_rad_theta_x_star_right_rad_draw_cut_6_ro	

P0038\_PlotsCollection\_x\_mm\_near\_dx\_mm\_left\_with\_cut\_eps-converted-to.pdf


P0039\_PlotsCollection\_theta\_x\_star\_left\_rad\_theta\_x\_star\_right\_rad\_draw\_cut\_7\_ro

P0039\_PlotsCollection\_theta\_x\_star\_left\_rad\_theta\_x\_star\_right\_rad\_draw\_cut\_7\_di

P0040\_PlotsCollection\_y\_star\_left\_mm\_y\_star\_right\_mm\_with\_cut-eps-converted-to.pdf


P0041\_PlotsCollection\_theta\_x\_star\_left\_rad\_theta\_x\_star\_right\_rad\_draw\_cut\_8\_ro

P0041\_PlotsCollection\_theta\_x\_star\_left\_rad\_theta\_x\_star\_right\_rad\_draw\_cut\_8\_di

P0042\_PlotsCollection\_x\_mm\_near\_dx\_mm\_right\_with\_cut-eps-converted-to.pdf




P0043\_PlotsCollection\_theta\_x\_star\_left\_rad\_theta\_x\_star\_right\_rad\_draw\_cut\_9\_ro

P0043\_PlotsCollection\_theta\_x\_star\_left\_rad\_theta\_x\_star\_right\_rad\_draw\_cut\_9\_di



6 Cut\_definitions\_start\_here

P0044_PlotsCollection_theta_x_star_rad_theta_y_star_rad_with_cut_eps- <del>P0044r_PlotCollection_theta_x_star_rad_theta_y_star_rad_with_cut_rotated-eps-con</del>	
P0044_PlotsCollection_theta_x_star_rad_theta_y_star_rad_with_cut_rota <del>P0044r_PlotCollection_theta_x_star_rad_theta_y_star_rad_with_cut_distance_from_c</del>	

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	<div data-bbox="1432 0 1464 2083"> <div>P0045_PlotsCollection_theta_y_star_left_rad_theta_y_star_right_rad_define_cut_di</div> <div>P0045_PlotsCollection_theta_y_star_left_rad_theta_y_star_right_rad_define_cut_di</div> </div>


P0046\_PlotsCollection\_y\_mm\_near\_dy\_mm\_left\_define\_cut\_eps-converted-to.pdfP0046\_PlotsCollection\_y\_mm\_near\_dy\_mm\_left\_define\_cut\_rotated-eps-converted-to.pdf

P0046\_PlotsCollection\_y\_mm\_near\_dy\_mm\_left\_define\_cut\_rotated\_profileP0046\_PlotsCollection\_y\_mm\_near\_dy\_mm\_left\_define\_cut\_distance\_from\_cut\_within\_r




P0048\_PlotsCollection\_x\_star\_left\_mm\_x\_star\_right\_mm\_define\_cut\_rotated-eps-converted-to.pdf

P0048\_PlotsCollection\_x\_star\_left\_mm\_x\_star\_right\_mm\_define\_cut\_distance\_from\_center-eps-converted-to.pdf


P0049\_PlotsCollection\_theta\_x\_star\_left\_rad\_theta\_x\_star\_right\_rad\_define\_cut\_ro

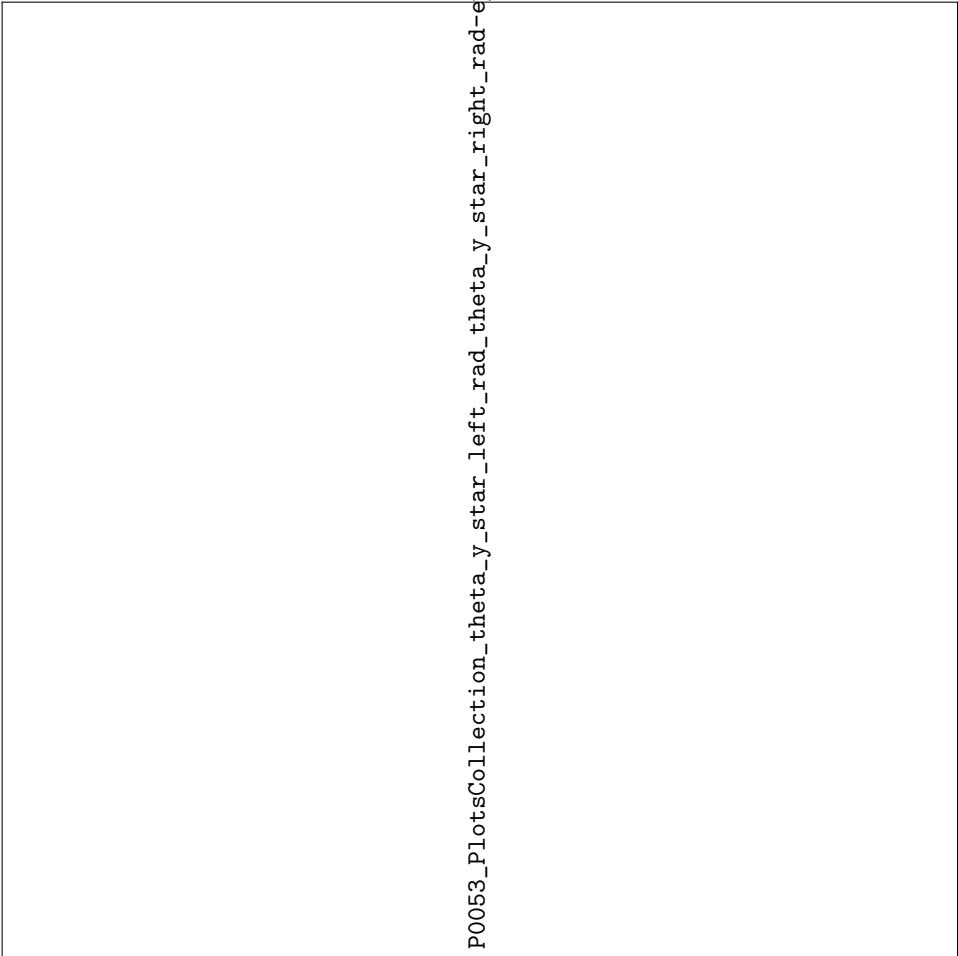
P0049\_PlotsCollection\_theta\_x\_star\_left\_rad\_theta\_x\_star\_right\_rad\_define\_cut\_di



P0050\_PlotsCollection\_x\_mm\_near\_dx\_mm\_left\_define\_cut-eps-converted-to.pdf

P0051\_PlotsCollection\_y\_star\_left\_mm\_y\_star\_right\_mm\_define\_cut-eps-converted-to.pdf

P0052\_PlotsCollection\_x\_mm\_near\_dx\_mm\_right\_define\_cut-eps-converted-to.pdf



P0053\_PlotsCollection\_theta\_y\_star\_left\_rad\_theta\_y\_star\_right\_rad-eps-converted-to.pdf

P0054\_PlotsCollection\_y\_star\_left\_mm\_y\_star\_right\_mm-eps-converted-to.pdf

P0055\_PlotsCollection\_dN\_dt\_GeV2\_left-eps-converted-to.pdf

P0055\_PlotsCollection\_dN\_dt\_GeV2\_left\_log-eps-converted-to.pdf

P0056\_PlotsCollection\_dN\_dt\_GeV2\_right-eps-converted-to.pdf



P0056\_PlotsCollection\_dN\_dt\_GeV2\_right\_log-eps-converted-to.pdf





P0057\_PlotsCollection\_dN\_dt\_GeV2\_log-eps-converted-to.pdf

P0058\_PlotsCollection\_dN\_dt\_GeV2\_weighted-eps-converted-to.pdf

P0058\_PlotsCollection\_dN\_dt\_GeV2\_weighted\_log-eps-converted-to.pdf

P0059\_PlotsCollection\_dN\_dt\_GeV2\_geometrical\_acceptance\_corrected-eps-converted-to.pdf

P0059\_PlotsCollection\_dN\_dt\_GeV2\_geometrical\_acceptance\_corrected\_log-eps-converted-to.pdf



P0060\_PlotsCollection\_dN\_dt\_GeV2\_geometrical\_acceptance\_corrected\_beam\_divergence\_corrected-eps-converted-to.pdf

P0060\_PlotsCollection\_dN\_dt\_GeV2\_geometrical\_acceptance\_corrected\_beam\_divergence\_corrected\_log-eps-converted-to.pdf





P0062\_PlotsCollection\_dN\_dt\_GeV2\_geometrical\_acceptance\_corrected\_beam\_divergence\_corrected\_hor\_beam\_divergence\_corrected\_pile\_up\_inefficiency\_corrected

P0062\_PlotsCollection\_dN\_dt\_GeV2\_geometrical\_acceptance\_corrected\_beam\_divergence\_corrected\_hor\_beam\_divergence\_corrected\_pile\_up\_inefficiency\_corrected

P0063\_PlotsCollection\_dN\_dt\_GeV2\_variable\_bin\_size-eps-converted-to.pdf

P0063\_PlotsCollection\_dN\_dt\_GeV2\_variable\_bin\_size\_log-eps-converted-to.pdf



P0064\_PlotsCollection\_dN\_dt\_GeV2\_weighted\_variable\_bin\_size-eps-converted-to.pdf

P0064\_PlotsCollection\_dN\_dt\_GeV2\_weighted\_variable\_bin\_size\_log-eps-converted-to.pdf

P0065\_PlotsCollection\_dN\_dt\_GeV2\_geometrical\_acceptance\_corrected\_variable\_bin\_size-eps-converted-to.pdf

P0065\_PlotsCollection\_dN\_dt\_GeV2\_geometrical\_acceptance\_corrected\_variable\_bin\_size\_log-eps-converted-to.pdf







P0067\_PlotsCollection\_dN\_dt\_GeV2\_geometrical\_acceptance\_corrected\_beam\_divergence\_corrected\_pile\_up\_inefficiency\_corrected\_variable\_bin\_size\_log-eps-



P0068\_PlotsCollection\_theta\_y\_star\_rad-eps-converted-to.pdf

P0068\_PlotsCollection\_theta\_y\_star\_rad\_log-eps-converted-to.pdf

P0069\_PlotsCollection\_theta\_x\_star\_rad-eps-converted-to.pdf

P0069\_PlotsCollection\_theta\_x\_star\_rad\_log-eps-converted-to.pdf

P0070\_PlotsCollection\_theta\_y\_star\_rad\_weighted-eps-converted-to.pdf

P0070\_PlotsCollection\_theta\_y\_star\_rad\_weighted\_log-eps-converted-to.pdf

P0071\_PlotsCollection\_theta\_x\_star\_rad\_weighted-eps-converted-to.pdf

P0071\_PlotsCollection\_theta\_x\_star\_rad\_weighted\_log-eps-converted-to.pdf



P0072\_PlotsCollection\_theta\_y\_star\_right\_rad-eps-converted-to.pdf

P0072\_PlotsCollection\_theta\_y\_star\_right\_rad\_log-eps-converted-to.pdf

P0073\_PlotsCollection\_theta\_y\_star\_left\_rad-eps-converted-to.pdf

P0073\_PlotsCollection\_theta\_y\_star\_left\_rad\_log\_eps-converted-to.pdf

P0074\_PlotsCollection\_phi\_star\_rad\_theta\_star\_rad-eps-converted-to.pdf

P0075\_PlotsCollection\_x\_mm\_y\_mm\_near\_left-eps-converted-to.pdf

P0076\_PlotsCollection\_x\_mm\_y\_mm\_far\_left-eps-converted-to.pdf

P0077\_PlotsCollection\_x\_mm\_y\_mm\_near\_right-eps-converted-to.pdf



P0078\_PlotsCollection\_x\_mm\_y\_mm\_far\_right-eps-converted-to.pdf

9 Summary tables

Empty table !